

TABLE 16
State government expenditures for R&D funded from federal sources, by state and federal agency: FY 2020
(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other ^a
United States ^b	607,788,664	20,256,362	11,137,458	21,912,430	106,812,063	188,244,635	7,434,905	7,580,511	179,622,124	13,136,596	31,818,831	19,832,749
Alabama	6,774,915	182,496	212,784	21,883	2,272,473	3,194,428	16,000	25,979	0	716,928	23,866	108,078
Alaska	6,143,917	0	0	0	1,982,200	3,818,404	0	253,313	0	0	0	90,000
Arizona	3,766,942	0	0	0	1,435,961	1,473,269	0	0	0	0	857,712	0
Arkansas	4,966,349	0	0	0	964,929	552,087	0	0	0	3,449,333	0	0
California	22,657,670	0	0	0	1,196,291	16,399,983	2,814,595	1,774,719	0	0	298,913	173,169
Colorado	6,659,704	0	4,182	0	2,708,309	2,833,633	124,839	17,663	311,904	0	603,303	55,871
Connecticut	15,873,807	0	0	0	5,404,300	2,417,467	429,097	26,338	4,329,803	115,574	3,151,228	0
Delaware	1,476,864	66,012	0	875	425,456	961,780	0	0	0	22,741	0	0
District of Columbia	2,560,026	0	0	0	0	506,436	0	156,000	1,812,183	0	0	85,407
Florida	30,382,990	6,120,334	404,149	0	5,383,175	7,026,998	0	757,072	0	10,504	10,480,610	200,148
Georgia	14,101,354	136,188	0	7,893,986	536,683	5,534,497	0	0	0	0	0	0
Hawaii	7,330,911	275,000	5,491,637	625,000	297,000	238,500	0	0	0	0	403,774	0
Idaho	12,620,448	0	0	4,338,516	4,444,709	2,841,617	0	0	0	0	995,606	0
Illinois	7,641,755	0	0	0	0	7,396,777	0	0	244,978	0	0	0
Indiana	7,126,764	0	0	0	56,764	7,070,000	0	0	0	0	0	0
Iowa	7,734,114	0	0	0	2,076,078	5,437,573	0	0	0	0	0	220,463
Kansas	6,612,890	0	0	0	4,103,741	2,452,147	0	7,002	0	0	0	50,000
Kentucky	6,273,543	0	0	0	1,271,959	5,001,584	0	0	0	0	0	0
Louisiana	19,451,587	30,856	0	1,380,472	4,927,358	7,360,000	199,912	0	0	3,588,147	0	1,964,842
Maine	4,162,595	1,461,200	0	0	1,523,895	704,000	0	0	0	0	473,500	0
Maryland	4,016,621	0	0	0	0	2,844,165	1,160,456	0	0	0	12,000	0
Massachusetts	11,397,894	840,000	0	0	5,500,000	3,450,000	0	22,507	1,585,387	0	0	0
Michigan	7,184,297	0	0	0	136,004	5,702,373	0	296,606	0	0	1,049,314	0
Minnesota	6,272,311	0	0	0	1,153,270	4,467,682	0	0	0	0	651,359	0
Mississippi	8,768,392	1,035,393	0	0	1,803,589	3,944,327	0	0	0	0	180,501	1,804,582
Missouri	5,750,412	0	475,572	0	3,445,535	1,301,489	0	204,053	11,322	0	112,441	200,000
Montana	6,777,890	0	0	0	3,783,349	1,525,678	0	40,921	0	0	1,359,343	68,599
Nebraska	6,818,177	0	0	0	4,798,206	1,527,523	0	490,612	0	0	1,836	0
Nevada	1,606,707	0	0	0	0	1,380,210	0	0	0	0	128,146	98,351
New Hampshire	639,820	0	0	0	0	639,820	0	0	0	0	0	0
New Jersey	3,299,908	0	0	0	453,813	2,027,708	0	788,981	29,406	0	0	0
New Mexico	4,238,566	0	0	0	754,743	3,005,788	0	478,035	0	0	0	0
New York	173,176,058	424,937	3,343,004	0	854,721	4,513,795	0	907,870	157,793,073	1,318,463	3,201,679	818,516
North Carolina	9,125,937	479,434	0	0	415,793	8,230,710	0	0	0	0	0	0

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(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other ^a
North Dakota	4,025,187	0	0	0	692,166	3,333,021	0	0	0	0	0	0
Ohio	8,463,693	205,335	0	53,352	2,225,920	5,019,086	460,000	0	500,000	0	0	0
Oklahoma	7,922,136	0	0	0	1,156,844	5,473,239	0	0	837,475	0	454,578	0
Oregon	11,978,580	356,294	717,150	4,289,369	3,790,446	1,875,568	146,584	0	599,557	0	27,708	175,904
Pennsylvania	19,656,077	37,937	0	0	5,608,531	3,162,845	0	187,330	0	0	659,434	10,000,000
Rhode Island	1,918,239	461,072	0	0	1,457,167	0	0	0	0	0	0	0
South Carolina	30,291,219	6,720,860	488,980	147,287	12,232,416	1,424,993	0	147,930	8,675,395	0	366,895	86,463
South Dakota	752,592	0	0	0	0	736,571	0	0	0	16,021	0	0
Tennessee	4,792,328	0	0	90,190	218,948	2,120,472	2,083,422	279,296	0	0	0	0
Texas	23,192,709	106,998	0	0	3,465,765	16,295,393	0	32,513	1,022,059	0	1,151,413	1,118,568
Utah	1,721,014	0	0	0	0	1,597,546	0	123,318	150	0	0	0
Vermont	1,119,199	0	0	0	0	904,199	0	0	215,000	0	0	0
Virginia	14,998,852	241,156	0	3,815	2,837,190	8,604,050	0	0	130,934	0	809,082	2,372,625
Washington	14,747,139	1,074,860	0	2,027,952	3,308,465	3,477,000	0	308,022	1,523,498	0	2,886,179	141,163
West Virginia	6,903,375	0	0	39,733	1,129,682	1,632,710	0	0	0	3,898,885	202,365	0
Wisconsin	8,358,684	0	0	0	3,341,876	3,777,278	0	254,431	0	0	985,099	0
Wyoming	3,555,506	0	0	1,000,000	1,236,343	1,028,216	0	0	0	0	290,947	0

DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior; DOT = Department of Transportation; ED = Department of Education; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture.

^a Other includes the Departments of Housing and Urban Development, Homeland Security, Justice, Labor, State, Treasury, and Veterans Affairs; National Aeronautics and Space Administration; and others.

^b U.S. total reflects all 50 states and the District of Columbia.

Note(s):
State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2020.